List G

THE

"RELIANCE"

Ear-marking, Tattooing Instruments, &c.

By Royal Warrant of Appointment to

HIS MAJESTY THE KING.
HER MAJESTY QUEEN ALEXANDRA. HIS MAJESTY THE KING OF SPAIN.
HIS MAJESTY THE SHAH OF PERSIA.

ARNOLD & SONS,

(JOHN BELL & CROYDEN, Ltd.)

Surgical and Veterinary Instrument Manufacturers,

By Appointment to His Majesty's Army; His Majesty's Navy; The Honorable Council of India; The Egyptian Government; The Crown Agents for the Colonies; His Majesty's Prisons; Foreign Governments; Royal Chelsea, St. Bartholomew's, The London, Fulham, Charing Cross, West London, Great Northern, Metropolitan, Seamen's and the principal Provincial and Colonial Hospitals, The Royal Veterinary College, &c. &c.

GILTSPUR STREET, LONDON, E.C. 1.

(Opposite St. Bartholomew's Hospital)

Factory: STANDARD WORKS, LAWRENCE ROAD, TOTTENHAM, N. 15. all correspondence address to Tottenham

Telegraphic Address:
"INSTRUMENTS, LONDON.
A.B.C. Code.

(Established 1819).

Telephone Nos.
City Office: City 5240 (3 lines).
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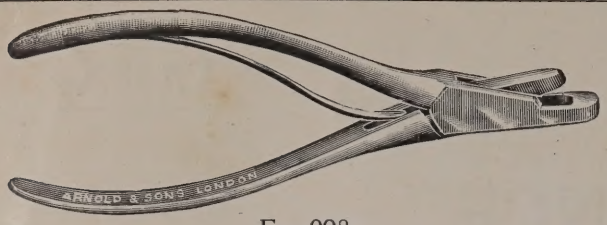
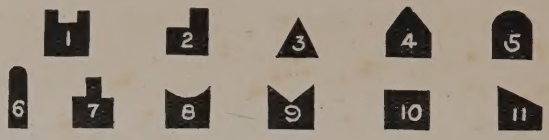


Fig. 098.



Actual Sizes.

Ear Markers, for sheep, pigs, &c. (Improved), various patterns, small size, Nos. 1 to 11, Fig. 098 - 5/- each

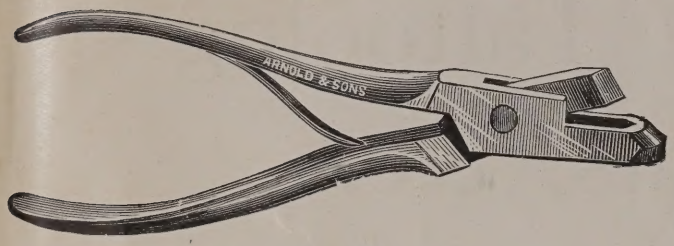
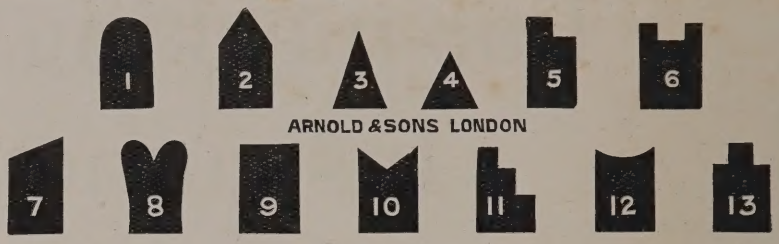
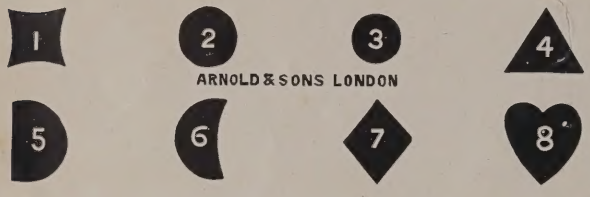


Fig. 099.



Actual Sizes.

Ear Markers for sheep, pigs, &c. (Improved), various patterns, large size, Nos. 1 to 13, Fig. 099 - 9/6 each



Actual Sizes.

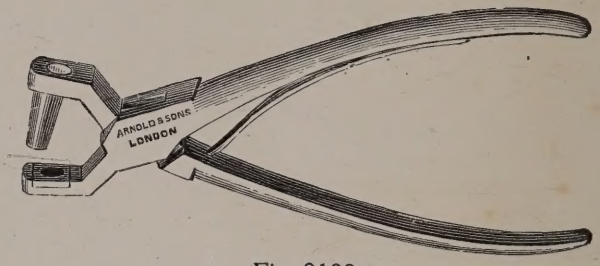


Fig. 0100.

Ear Markers for sheep, pigs, &c. various patterns, Nos. 1 to 8, Fig. 0100 - - - 10/9

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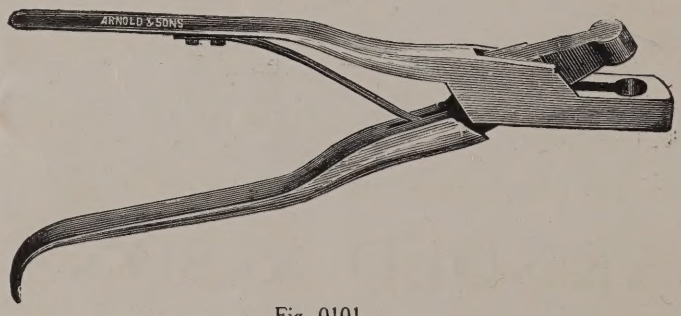
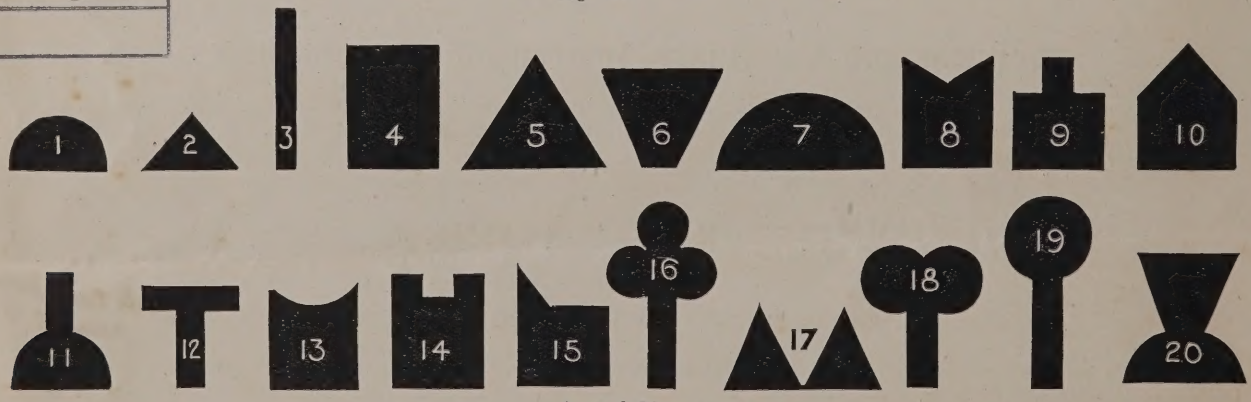


Fig. 0101.



Actual Sizes.

Ear Markers, for cattle and pigs, various patterns, Fig. 0101,
Nos. 1, 2, 12/9 ; 3, 4, 5, 17/- ; 6, 7, 18/3 ; 8, £1/1/6 ; 9, £1/7/3 ; 10, 11, £1/1/6 ;
12, £1/4/6 ; 13, £1/1/6 ; 14, £1/7/3 ; 15, 16, 17, 18, 19, 20, £1/1/6 each.

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Closed

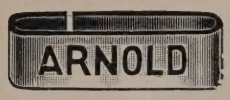

Fig. 0102.

Open

Fig. 0103.

Closed.

Fig. 0104.

Open.

Fig. 0105.

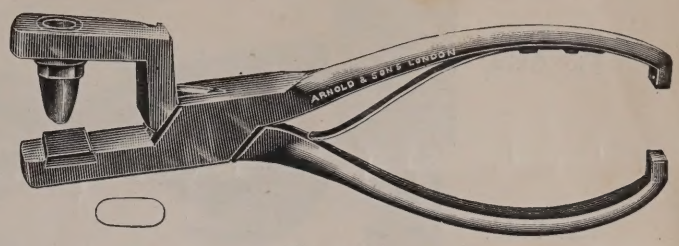

Fig. 0106.

Ear Markers, Ribbon, for sheep, pigs, &c. (as supplied to the Royal Agricultural Society of England, &c., Figs. 0102 and 0103 - - - - - per 25, 5/6 ; 50, 9/6 ; 100, 17/6

Ditto ditto for cattle, &c., Figs. 0104 and 0105 - per 25, 7/- ; 50, 10/6 ; 100, 19/6

Punch and Closer, combined, for piercing and closing ribbons, Fig. 0106 - - - - 8/6

(The above prices include Initials and Numbering ; if full name is required, cost of die is charged).

The above marker is thoroughly effective ; it is a thin strip of plated metal, marked with initial or name of owner as required and numbered. The ear is punched the length of the ribbon from the edge, in the lower corner near the head, the marker inserted, and then pressed together with the closer They do not make the ear fester, and do not tear or fall out if carefully inserted.

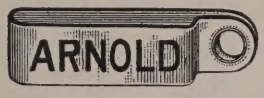

Fig. 0107.

Fig. 0108.

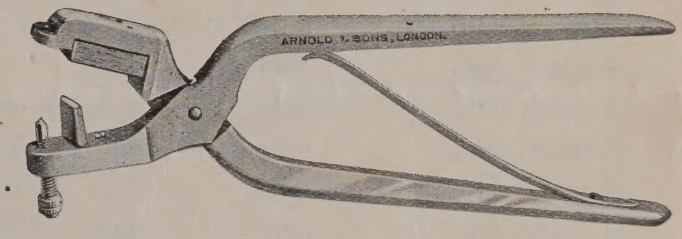

Fig. 0109.

Ear Markers, Ribbon, Improved Pattern, for sheep, pigs, &c., Fig. 0107, per 25, 8/6 ; 50, 15/- ; 100, 1/7/-

Ditto ditto ditto for cattle, Fig. 0108 - per 25, 10/- ; 50, 18/- ;100,1/10/-

Punch and Closer combined, for piercing and closing Ribbons, Fig. 0109 - - - - 15/-

(The above prices include Initials and Numbering ; if full name is required cost of die is charged.)

Fig. 0110.

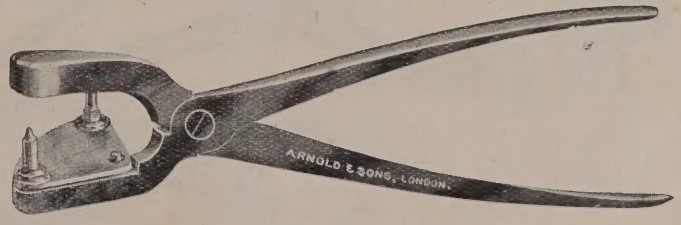

Fig. 0111.

Ear Markers, Stud, aluminium, for cattle, sheep, pigs, &c., Fig. 0110 per 25, 7/6 ; 50, 11/- ; 100, 20/-

Punch and Closer combined, for piercing and closing Studs, Fig. 0111 - - - - - 11/6

(The above prices include Initials and Numbering).

Fig 0114.

Fig. 0113.

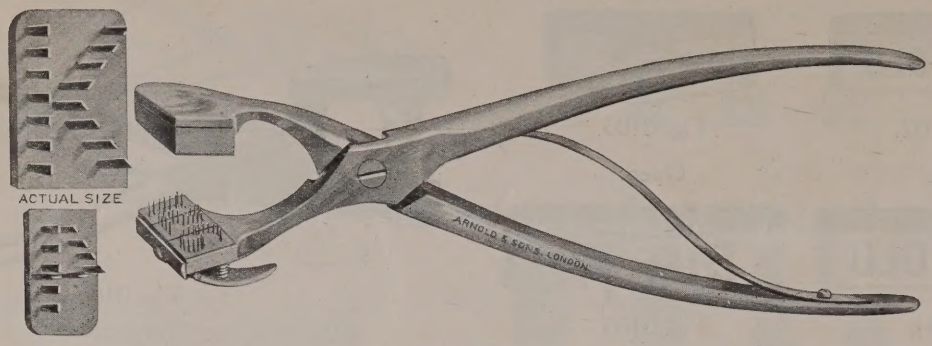

Fig. 0112.

Tattooing Forceps, 2-space, for marking sheep, &c., with one set of numbers, in mahogany case complete, Figs. 0112/3							£2/10/6
Ditto	3-space, ditto	ditto	two sets	ditto	ditto	0112/3a	2/19/6
Ditto	4-space, ditto	ditto	three	ditto	ditto	0112/3b	3/15/-
Ditto	3-space, ditto	ditto	alphabet only		ditto	0112/3c	3/10/-
Ditto	4-space, ditto	ditto	ditto	and one set of numbers	ditto	0112/3d	3/19/6
Ditto	4-space, ditto	ditto	ditto	two sets ditto	ditto	0112/3e	4/12/6
Ditto	4-space, ditto	ditto	ditto	three ditto	ditto	0112/3f	4/19/6
Ditto	2-space, ditto	cattle, calves, pigs, &c., one set of numbers			ditto	Figs. 0112/4	3/3/-
Ditto	3-space, ditto	ditto	two sets	ditto	ditto	0112/4a	3/18/-
Ditto	4-space, ditto	ditto	three	ditto	ditto	0112/4b	4/15/-
Ditto	3-space, ditto	ditto	alphabet only		ditto	0112/4c	4/7/6
Ditto	4-space, ditto	ditto	ditto	and one set of numbers	ditto	0112/4d	5/2/6
Ditto	4-space, ditto	ditto	ditto	two sets ditto	ditto	0112/4e	5/19/6
Ditto	4-space, ditto	ditto	ditto	three ditto	ditto	0112/4f	6/18/6
Numbers or Letters, for fitting in above Forceps, for sheep, 0115						each	2/-
Ditto	ditto	ditto	ditto	for cattle, 0116		,,	2/6

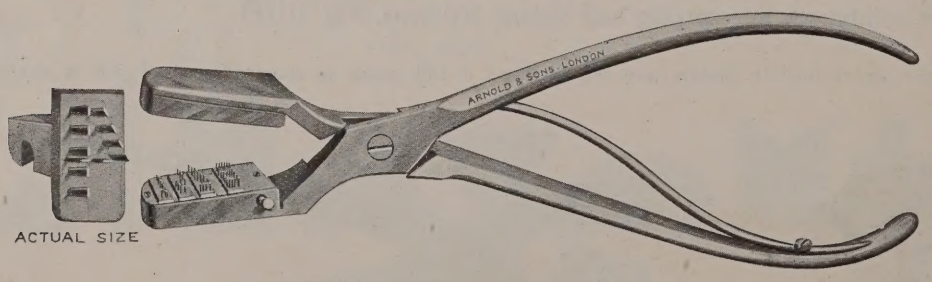

Fig. 0117.

Tattooing Forceps, 4-space, for marking sheep, cattle, pigs, &c., with letters and numbers to drop in and fasten by means of a spring, complete in mahogany case with two sets of numbers
Fig. 0117 £4/4/0

Marking Ink black or red, for use with tattooing forceps, 0118
½ oz., 6d. ; 2 oz., 1/6 ; 4 oz., 3/- ; ½ pint, 5/6 ; 1 pint, 10/6 per bottle

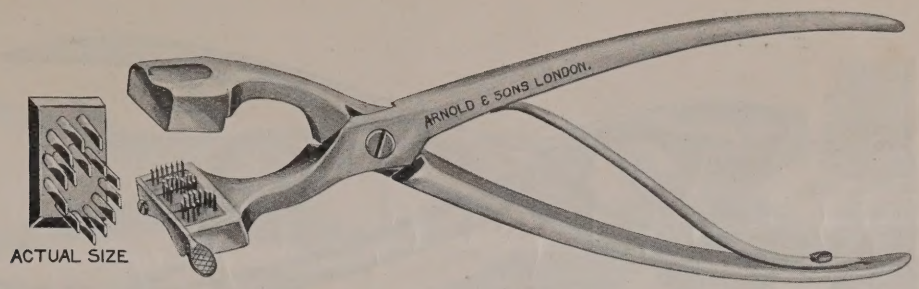

Fig. 0119.

Tattooing Forceps, 3-space, with 2 sets of numbers, one letter for the year, and three designation letters, complete in mahogany case (as made for the Shorthorn Society), Fig. 0119 - - £2/19/6

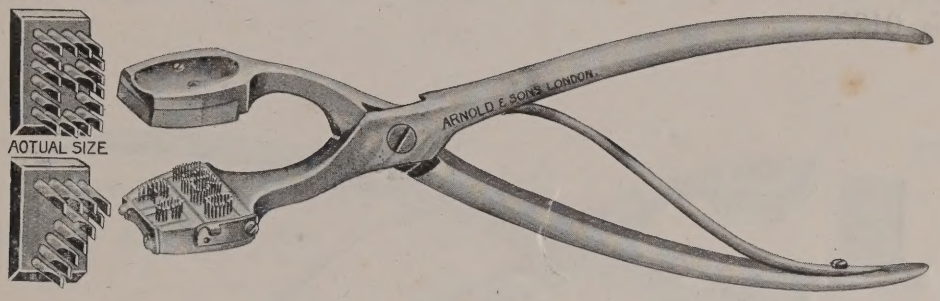

Fig. 0120.

Tattooing Forceps, 5-space, with two sets of numbers, one letter for the year, and two designation letters, complete in mahogany case (as made for the Hereford Herd Book Society), Fig. 0120 £3/15/0

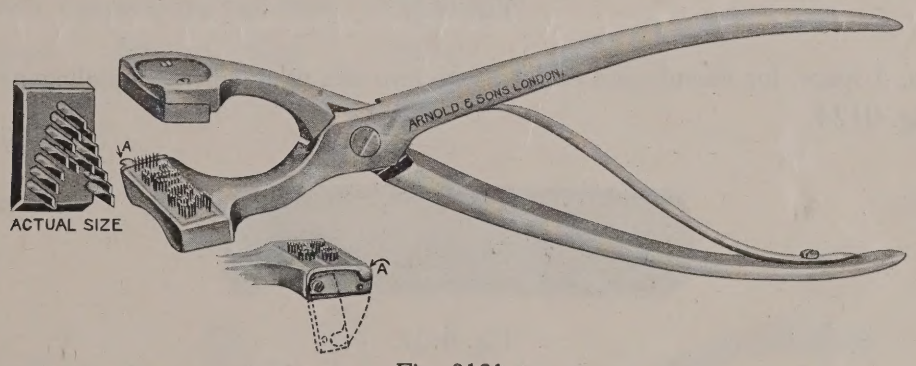

Fig. 0121.

Tattooing Forceps, 5-space, with three sets of numbers and one alphabet, in mahogany case complete (as made for the Ayrshire Society), Fig. 0121 - - - - - £4/19/6

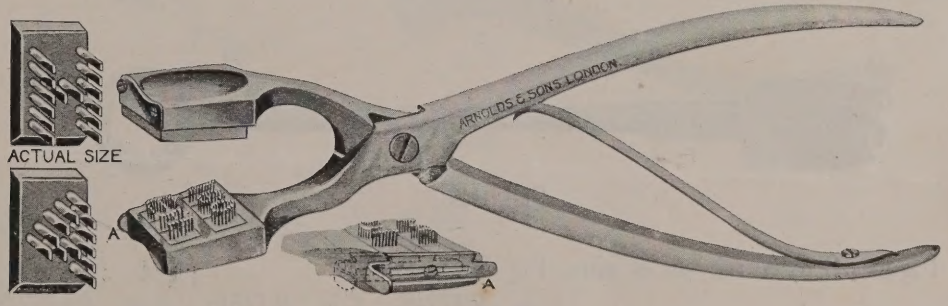

Fig. 0122.

Tattooing Forceps, 6-space, for cattle, sheep, etc., with two sets of numbers, in mahogany case complete, Fig. 0122 - - - - - - - - - £4/4/0

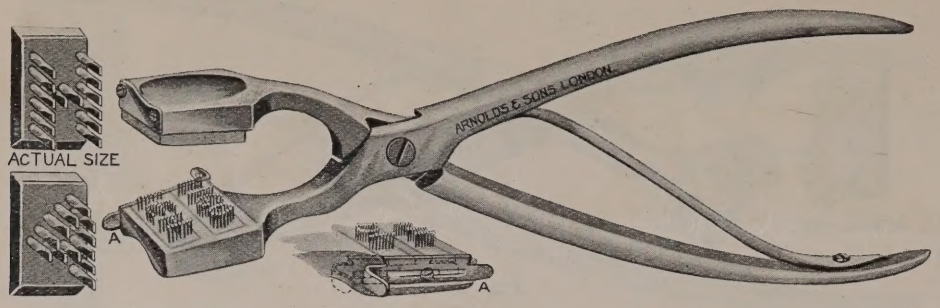

Fig. 0123.

Tattooing Forceps, 8-space, for cattle, sheep, etc., with two sets of numbers, in mahogany case complete, Fig. 0123 - - - - - - - - - £4/15/-

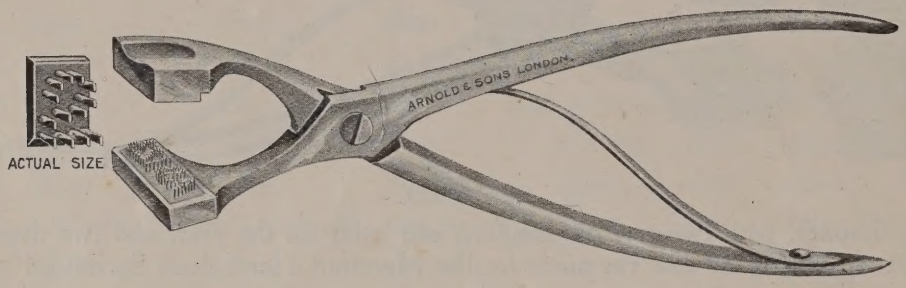

Fig. 0124.

Tattooing Forceps, 3-space, for hounds and rabbits, with two sets of numbers, in mahogany case, complete, Fig. 0124 - - - - - - - - - £2/19/6

Fig. 0125.

Paint Sticks, for marking cattle, sheep, and pigs, Fig. 0125 - - - each, 8d. ; per doz., 7/6

These are a good permanent Dye requiring no wetting, and can be carried in the pocket, always ready, clean and handy, in Red, Blue, Green, Yellow, Magenta, Black, and Violet.

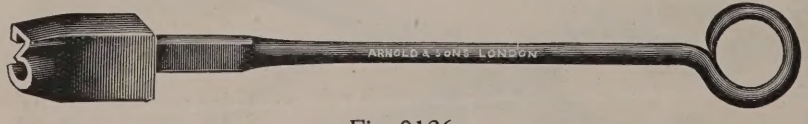

Fig. 0126.

Branding Irons, Figures 0 to 8, per set of nine, Fig. 0126 $\frac{3}{8}$-in., £1/2/6 ; $\frac{1}{2}$-in., £1/3/6 ; $\frac{3}{4}$-in., £1/17/3 ; 1-in., £2/10/9

Ditto Letters A to Z and &, each, 0127 $\frac{3}{8}$-in., 2/6 ; $\frac{1}{2}$-in., 2/9 ; $\frac{3}{4}$-in., 4/3 ; 1-in., 5/9

Irons, for marking cattle with paint - 0128 - - - Figures $2\frac{1}{4}$-in., each, 3/-

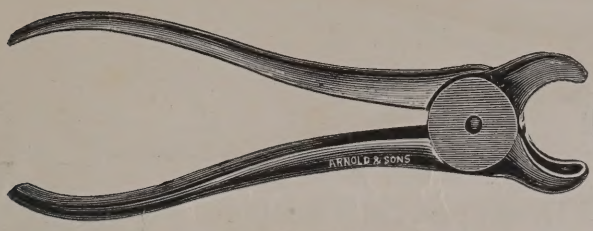

Fig. 0134.

Fig. 0139.

Pig Ringer, cast, with 1 gross rings, thin, 1-in.			0129	-	-	-	1/9
Ditto	wrought,	ditto	ditto	0130	-	-	3/-
Ditto	cast -	-	-	0131	-	each	1/-
Ditto	wrought	-	-	0132	-	,,	2/3
Pig Rings, thin, 1-in.		-	-	0133	-	per gross	9d.
Pig Ringer, cast, with 1 gross rings, stout, $1\frac{1}{4}$-in.			Fig. 0134	-	-	-	2/-
Ditto	wrought,	ditto	ditto	0135	-	-	4/6
Ditto	cast -	-	-	0136	-	each	1/-
Ditto	wrought	-	-	0137	-	,,	3/6
Pig Rings, stout, $1\frac{1}{4}$-in.		-	-	0138	-	per gross	1/-
Pig Ringer, cast, with 1 gross rings, flat band			Fig. 0139	-	-	-	2/-
Ditto	wrought,	ditto	ditto	0140	-	-	3/6
Ditto	cast -	-	-	0141	-	each	9d.
Ditto	wrought	-	-	0142	-	,,	2/3
Pig Rings, flat band		-	-	0143	-	per gross	1/3

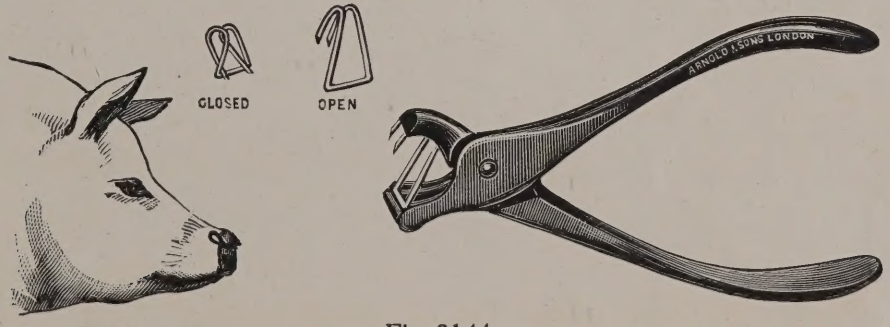

Fig. 0144.

Pig Ringer, cast, with 1 gross double rings			Fig. 0144	-	-	-	5/6
Ditto	wrought,	ditto	-	0145	-	-	7/6
Ditto	cast -	-	-	0146	-	each	1/-
Ditto	wrought	-	-	0147	-	,,	3/-
Pig Rings, double	-	-	-	0148	-	per gross	4/6

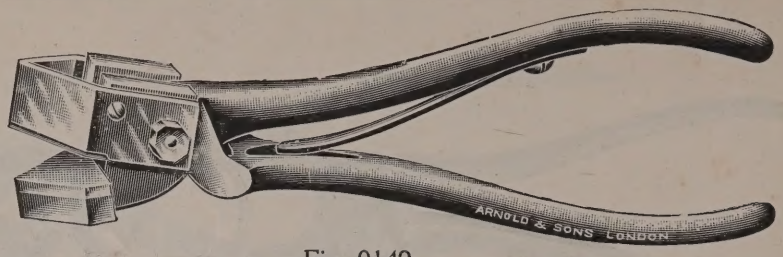

Fig. 0149.

Pig Rooting Forceps, Stock Marker and Calf Dishorner (Arnold's), very powerful, Fig. 0149 - - 24/-
Ditto ditto ditto extra superior, polished gunmetal, 0150 - 30/-

Extract from "FARMER AND STOCKBREEDER."

This is intended to prevent swine of all ages from rooting. The instrument is pushed hard up against the bone of the pig's nose and will then cut out the cartilage. Many farmers only nip their swine by pushing the instrument against the bone of the pig's nose without pushing hard. This will cut a V gristle, and leave the cartilage in. They claim that the pig is then more nimble with his nose in the winter. Farmers mark their stock with it, also the ears of pigs and cattle. It cannot be lost, and is plainly seen.

For dishorning calves after the button or horn is properly formed, the instrument is placed directly over the horn or button in its tender age after formation, the flesh which impedes the button is raised with the hand, which will raise the horn so that it can be got at and around with the instrument. If a little of the hide is cut, so much the better, as it ensures getting all the horn.

In marking stock it can easily be seen that innumerable marks can be made. For instance, a W or M can be made by cutting two V's large or small. By doubling the ear it will cut a perfect diamond, or by doubling the ear and holding slanting it will cut a perfect spear. A little practice on cardboard will make anybody a proficient operator.

For marking poultry, clip any one of their toes behind the nail; some mark their combs. It may also be used for clipping chickens nails to prevent them from scratching, and for cutting the spurs of quarrelsome cocks. The makers are Messrs. ARNOLD & SONS, of Giltspur Street, E.C.

TESTIMONIALS.

Dear Sirs, DOWNHAM MARKET.
I have used the Pig Rooting Forceps very extensively, and find it very much better than putting rings into pigs' noses. I have never known nor heard of a pig taking any harm where the Forceps have been used, as they often do when they are rung. I should never use rings again.
When the cut made with the Forceps is healed the pigs feed with so much more comfort than they do when the rings are in their noses; the rings cause inflammation and many pigs die from this cause. Yours truly.

Dear Sirs, HADLEIGH.
I have used the Pig Rooting Forceps on several hundred pigs, and I consider it a very useful instrument and much more humane and expeditious for the purpose than the old system of rings in the nose. Yours faithfully.

Dear Sirs, CAMBRIDGE.
I think highly of the Pig Rooting Forceps for the purpose; have never had one go wrong, whereas the ordinary 'ringing' was perpetual torture and sometimes caused death. If the pig could speak he would say so. Yours truly.

Dear Sirs, EAST YORKS.
I can thoroughly recommend the Forceps to anyone. It is far superior to the old 'ringing' system, and is a perfect cure for rooting. Our tenants are constantly borrowing the Forceps for their pigs. Yours faithfully.

Dear Sirs, WELLINGBOROUGH.
We have about 120 pigs put out on grass; by using your Pig Rooting Forceps we have no trouble with the pigs rooting the grass up. We are well satisfied with them. Yours respectfully.

Gentlemen, NEWMARKET.
The Pig Rooting Forceps I purchased from you have answered *well*. I have used them on a number of pigs and it quite stops them from rooting. Yours truly.

Dear Sirs, LINCOLN.
The Pig Rooting Forceps you supplied me with have given me every satisfaction and are far in advance of the old-fashioned way of pig-ringing. Yours respectfully.

Dear Sirs, WISHAW.
Replying to your enquiry *re* Pig Rooting Forceps, I am pleased to be able to say I think they are very good when properly used; care must be taken when using them to ensure having cut the gristle. I shall be pleased to answer any enquiry respecting the same. Yours truly.

Dear Sirs, KETTERING.
I have used the Pig Rooting Forceps you supplied and found them satisfactory. Yours truly.

Dear Sirs, WHITEGATE.
The Forceps I bought from you was for the purpose of dishorning calves, and I have found them a great success.
Yours faithfully.

Dear Sirs, DULVERTON.
The Forceps are very useful for marking cattle.
Yours truly.

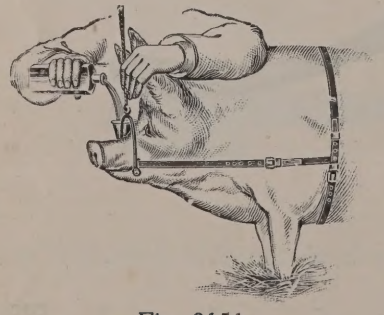

Fig. 0151.

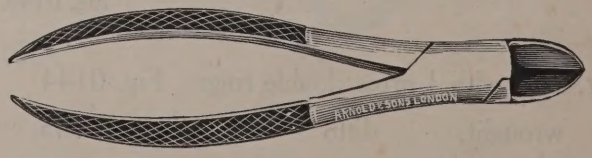

Fig. 0152.

Drenching Apparatus, especially adapted for Pigs, galvanized, with rope and body straps, Fig. 0151 16/6
Forceps for removing tips off Pigs' teeth, Fig. 0152 - - - - - - - - 7/6